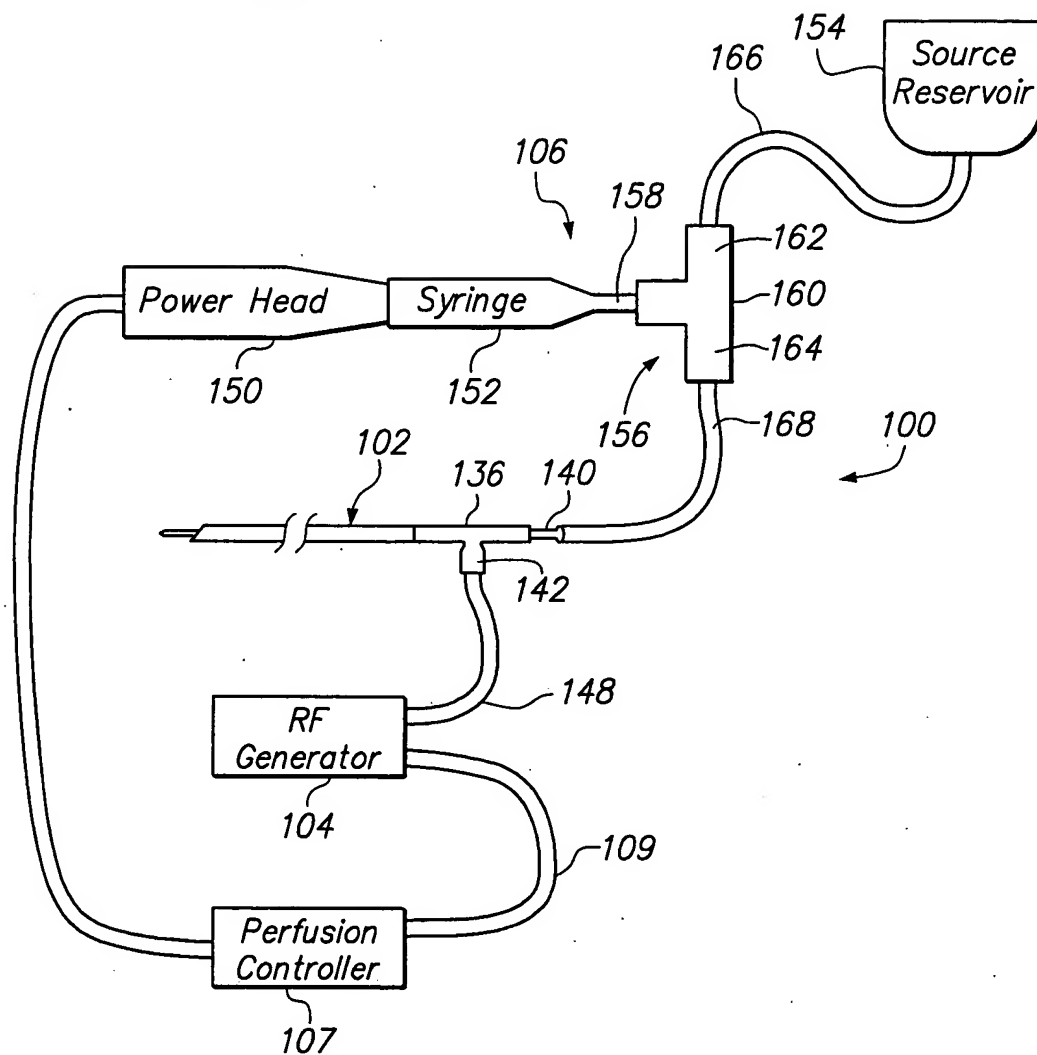




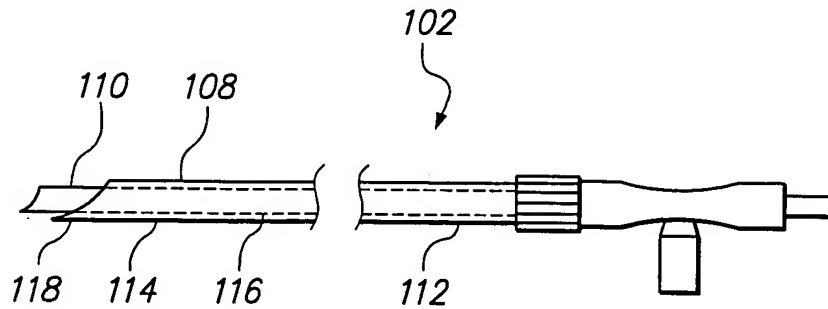
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FIG. 1

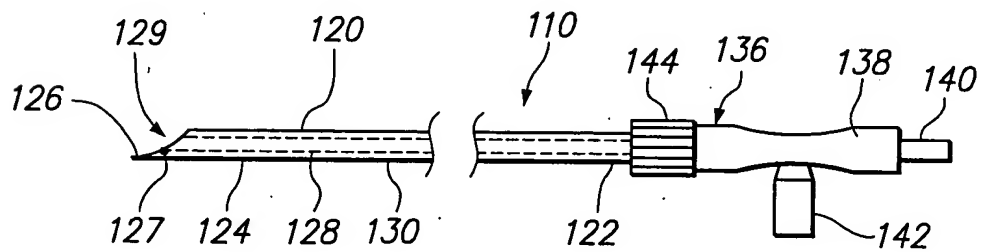


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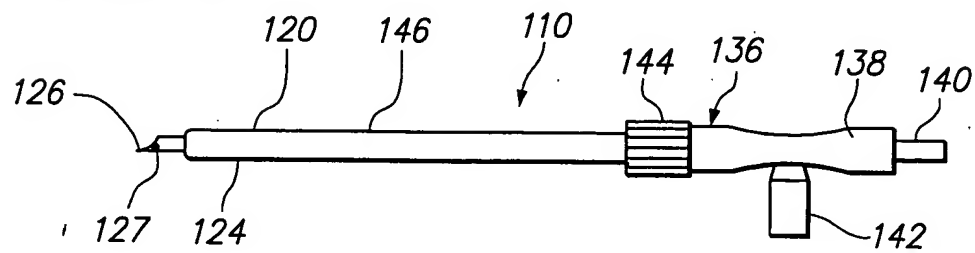
**FIG. 2**



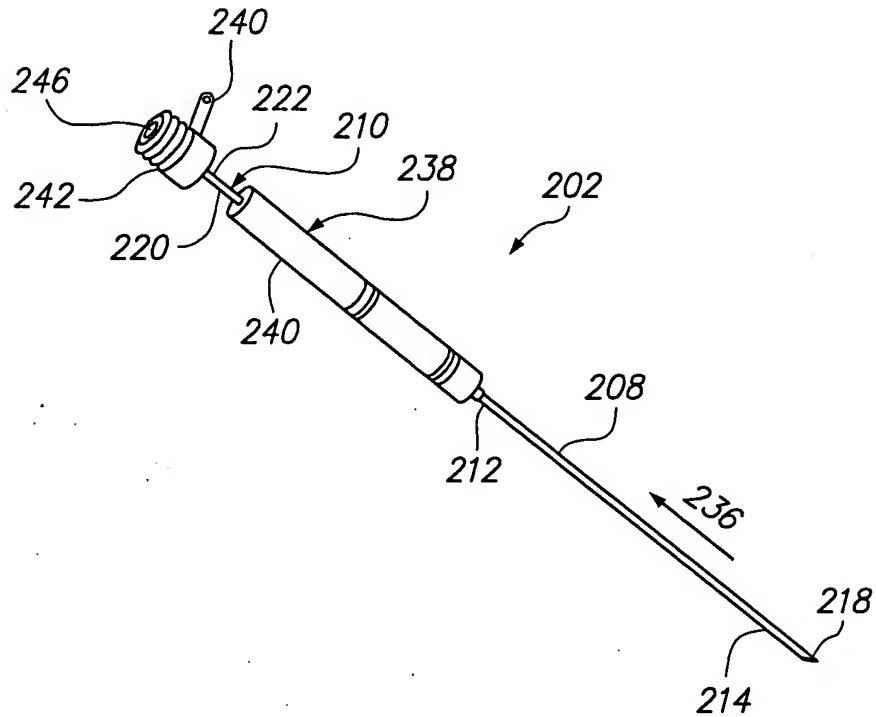
**FIG. 3**



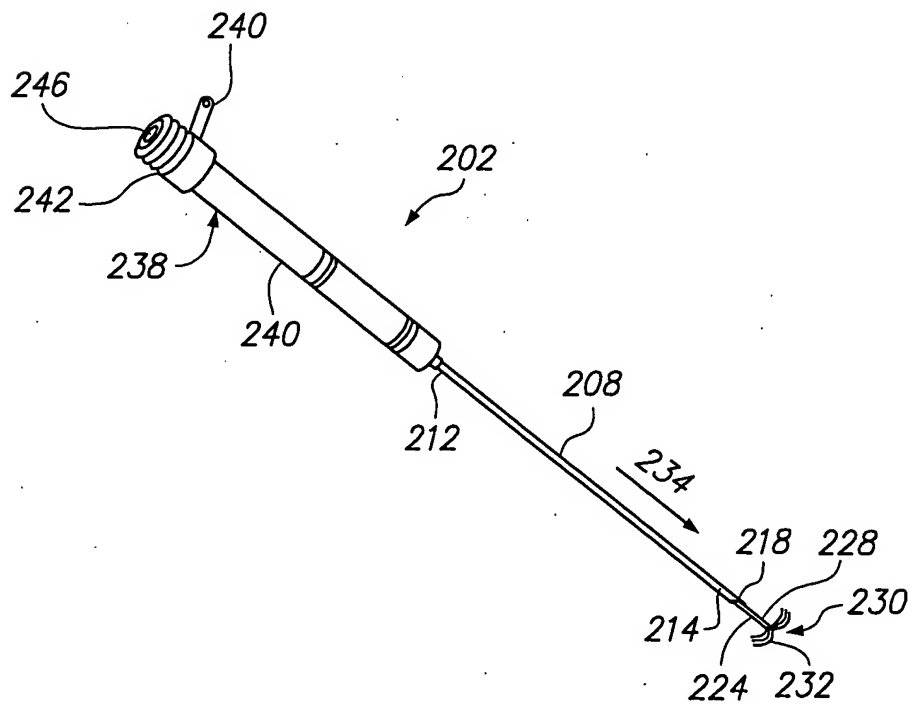
**FIG. 4**



**FIG. 5**

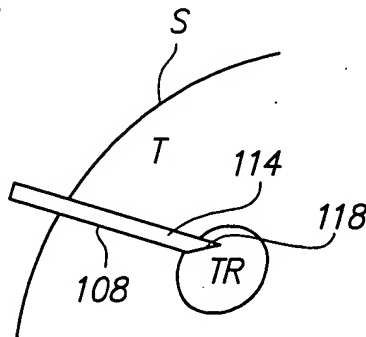


**FIG. 6**

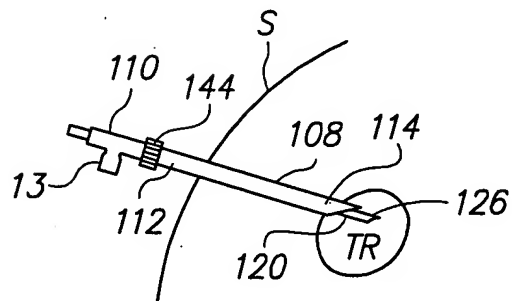


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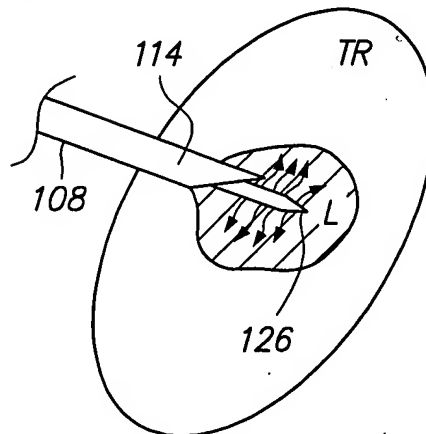
**FIG. 7A**



**FIG. 7B**



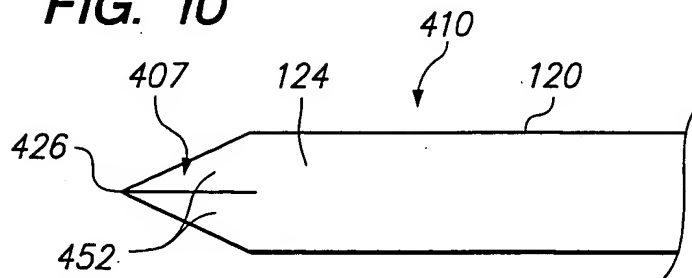
**FIG. 7C**



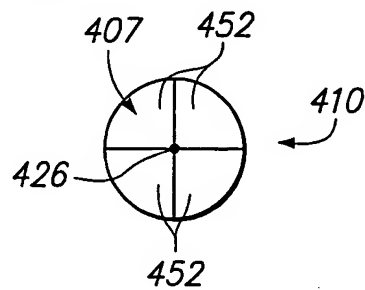


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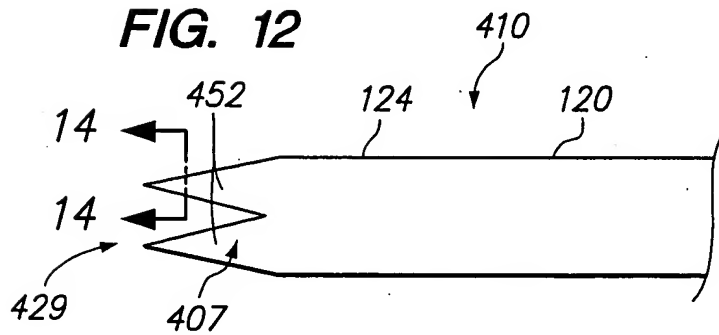
**FIG. 10**



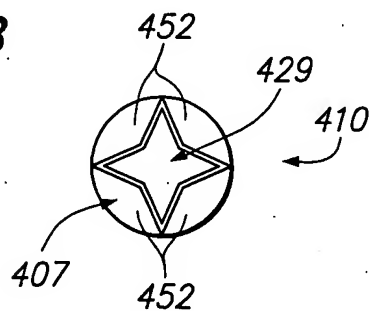
**FIG. 11**



**FIG. 12**

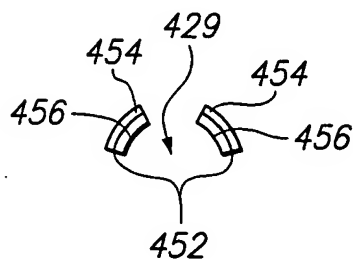


**FIG. 13**

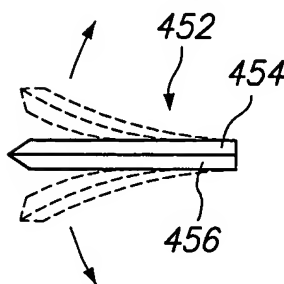


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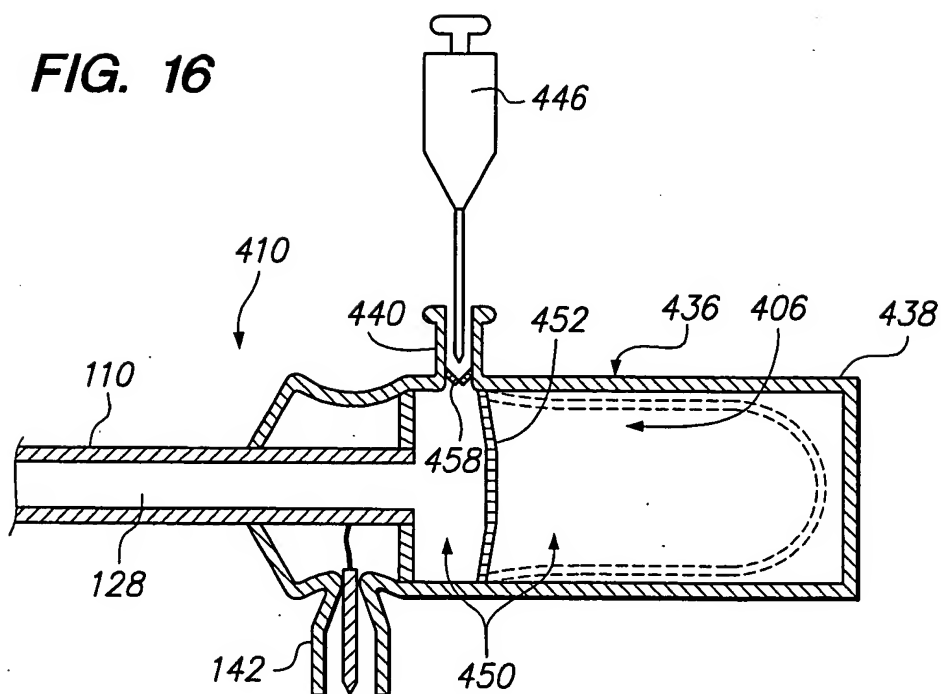
**FIG. 14**



**FIG. 15**



**FIG. 16**



**FIG. 17**

FIG. 17 is a cross-sectional view of a device assembly. The assembly includes a base structure 110 with a lower layer 128. A central vertical component 142 is shown. A horizontal layer 536 is positioned above the base, with a series of circular features 538. A side component 540 is connected to the base via a structure 558. A top layer 564 is shown with a series of circular features 556. A side component 566 is connected to the base via a structure 568. Other labels include 550, 554, 570, 552, and 560.

FIG. 9 is a cross-sectional view of a needle assembly 610. The assembly includes a needle 626 with three internal lumens 629. The needle is connected to a hub 128, which features a textured region 650.